

ABSTRACT OF THE DISCLOSURE

**TEMPORARY STORAGE OF MEMORY LINE
WHILE WAITING FOR CACHE EVICTION**

The temporary storage of a memory line to be stored in a cache while waiting for another memory line to be evicted from the cache is disclosed. A method includes evicting a first memory line currently stored in the cache and storing a second memory line not currently stored in the cache in its place. While the first memory line is being evicted, such as by first being inserted into an eviction queue, the second memory line is temporarily stored in a buffer. The buffer may be a data transfer buffer (DTB). Upon eviction of the first memory line, the second memory line is moved from the buffer into the cache.